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# FOLIO

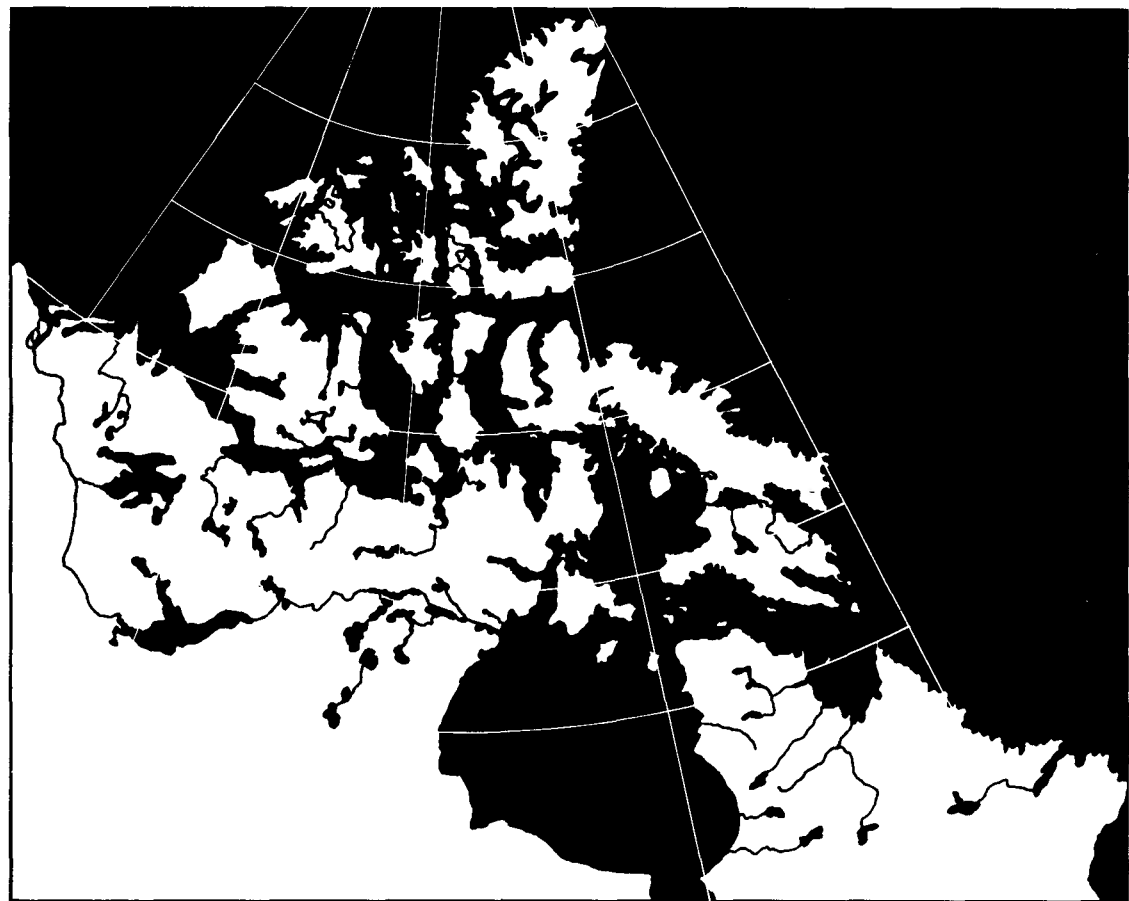
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## The Boreal Institute

The Boreal Institute for Northern Studies was established in 1960 with the major objective of "the acquisition and dissemination of knowledge of the north." To achieve this objective a three-part multi-disciplinary program was implemented by the five-member Directorate of the new institute. The plan revolved around the creation of a library and information centre, the provision of training and instruction for all parts of society living in the far north, as well as those venturing there from other parts of the globe, and the implementation and encouragement of northern research.

Representatives of the Institute feel that The University of Alberta in Edmonton is the logical location for a national centre of northern research. Edmonton is the most northerly city in Canada with the resources and facilities for an undertaking of this size. Because of its location in relation to the Arctic, and because of the facilities of the University, many leading northern researchers or academics have moved here. The geographic location of Edmonton has resulted in the city becoming the gateway and supply base for the majority of northern industrial and resource operations. With the race to find and recover oil deposits in the far north having such a profound effect on the people and environment of that delicate region, it is important that a centre for northern studies be located at the source of the activity—Edmonton.

The Institute library is considered, by northern researchers, to be the finest of its kind in

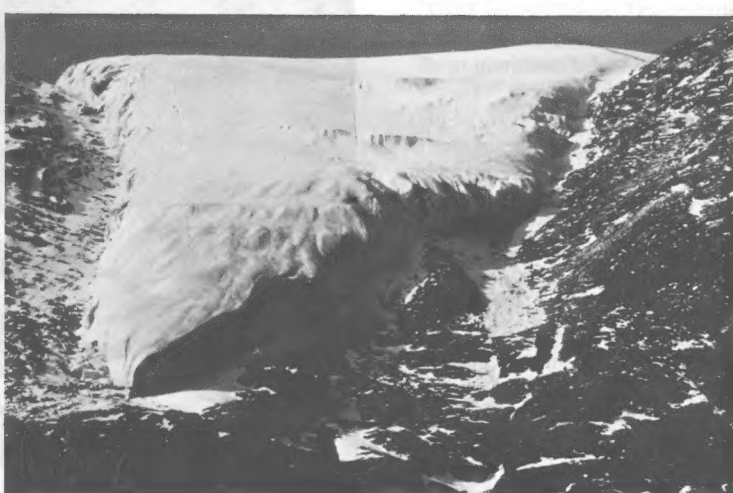
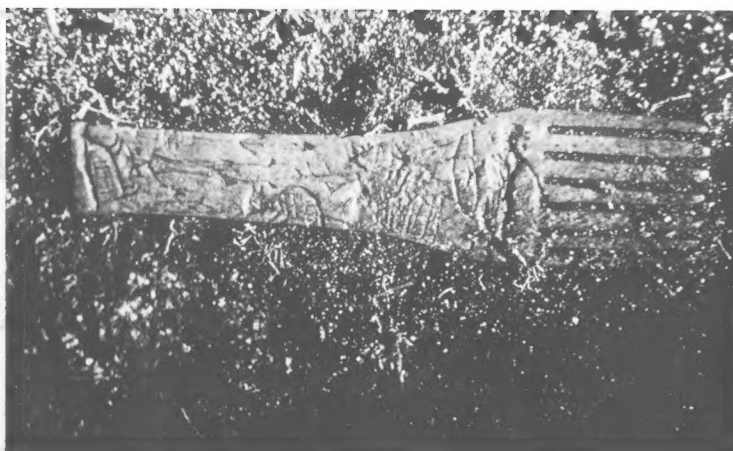


North America. The library is a specialized multi-disciplinary library that is available to academics, students, government, industry, and the public. Recently the Institute has been promoting the idea of the library being established as a central depository for northern material. If the campaign proves successful researchers would not have to travel all over the country to gather information.

In support of this cause, a number of oil and pipeline companies, as well as private individuals have donated sizeable numbers of books, research findings, and photographs to the library. At this time the library has about 50,000 books, periodicals, microfiche, microfilm, and other audio-visual materials. The library is continually expanding and maintains bibliographies, indexes, and microfiche news

clippings. A recent development is the acquisition of a computerized information retrieval system.

In 1975 the Boreal Institute, with the aid of the Department of Geography, first began offering an interdisciplinary course on current environmental research in the far north. The course provides the opportunity for students to meet and discuss environmental and ecological problems with



*Clockwise beginning at the top left. The White Fox in summer pelage. During the winter the fox is the mainstay of the Arctic trapping economy. This hand carved Inuit comb depicts a hunting scene. The comb was found on Banks Island in 1967. The unnamed glacier issuing from the upland ice cap on northwest Ellesmere Island, is typical of glaciation in the far north. Geographers from the Boreal Institute spend considerable time studying core samples of Arctic ice. The coring operation shown was on Christiansen Lake, Ellesmere Island.*

# FOLIO

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*All inquiries and correspondence should be directed to:*

Folio  
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northern researchers not employed by the University.

The Institute places great importance on its three Northern Schools. The immersion schools get professional people into the field so that they can observe first hand the impact their decisions and actions have on the people, environment, and ecology of the north. The Northern Schools are a joint effort in conjunction with the Faculty of Extension

Many training programs, education curricula, and counselling services for the Yukon and NWT have been developed by the Institute. One group of programs is designed to instruct Inuit and others, unfamiliar with the laws

and methods of government, on how to participate in government. The programs are structured to be of value to all members of northern society, from those who do not understand English to those who have moved there from the south.

The Boreal Institute has much to offer both in education programs and in research. The Institute and its programs are supported by some of the world's top northern researchers.

The Boreal Institute is currently involved with about one hundred and seventeen research projects. Monies provided by concerned government and private agencies are managed by the Institute so

that an efficient northern research program can be continued. Grants are awarded to individuals involved in a number of different research areas, and funds are allocated for the publication of books and to produce films.

The Institute provides a contract research program for private and government groups not having the facilities or personnel necessary for scientific study.

The Boreal Institute is operated by a full-time Director, a staff of full- and part-time employees, and a number of Research Assistants and Research Associates. An eleven member Advisory Board aids the Director in the formation of policy. □

## William George Hardy 1895-1979

William George Hardy, CM, MA, PhD, LLD, Professor Emeritus of Classics, died on 28 August 1979 after a brief illness, at the age of 84. He had been a member of the Department of Classics for forty-four years, from 1920 to 1964, serving in all ranks from Lecturer to Professor and Head. He continued an extremely active and varied career after his retirement until his death.

He was born near Lindsay, Ontario, on 3 February 1895, and entered the University of Toronto in 1913. He graduated in 1917, being awarded the Governor-General's Gold Medal and the Gold Medal in Classics. As an undergraduate he had managed the University's hockey team, an early example of his interest in hockey and sports in general. He joined the Canadian Army and upon his discharge in 1918 returned to the University of Toronto, completing his MA in 1920 while teaching.

In September 1920, he came to The University of Alberta as a Lecturer in Classics. By 1922 he obtained his PhD from the University of Chicago. He claimed that the excellence of his early training in Latin and Greek, both at home and a school, enabled him to complete his degree in record time. In 1932 Dr. Hardy became Professor and in 1938 Head of the Department of Classics, a post that he held until his retirement in 1964.

He published several scholarly articles on Classical literature and history, three books on Greek and Roman history, and one book on Canadian history. But he is especially remembered by the alumni of the University for the excellence of his teaching and the brilliance of his lectures. His "Greek Literature in Translation," variously Classics 5, Classics 50, or Classics 350, is remembered as one of the truly great courses of the University. He himself is remembered as one who could make anything in Classics fascina-

ting and exciting. His talks over the CBC were uniformly successful, and one series was published in book form in 1960.

Dr. Hardy is also remembered as the designer of the present program for the "pass" and "special" BA and BSc degrees. The Hardy Report made a complete change from the old "pattern" system in use before 1963.

He was responsible for the building of the old "Covered Rink," which was for years the only roofed sports facility on campus. For many years he coached and managed our University's hockey teams and trained the University boxers. He became a Director of the Alberta Amateur Hockey Association and of the Canadian Amateur Hockey Association. In 1948-50 he was President of the CAHA. He was President of the International Ice Hockey Federation from 1950 to 1956.

He published six novels, begin-



W.G. Hardy

ning with *Father Abraham* in 1935, while a seventh, *The Bloodied Toga*, is coming out this fall. He edited *The Alberta Golden Jubilee Anthology* in 1955 and *Alberta: a Natural History* in 1967. Some two

hundred of his short stories have appeared in print. He helped to organize the Canadian Authors Association and was President twice, in 1950-52 and 1968-70. He was active in amateur theatre and was President of the Edmonton Little Theatre for many years.

His honors include: The University of Alberta National Award in Letters (1962); the Beaver Trophy (1965); the Centennial Medal (1967); the Alan Sangster Memorial Award (1968); the City of Edmonton Sports Hall of Fame (1969); LLD from our University (1973); the Order of Canada (1974); Rothmans Award for Literature (1976); the Province of Alberta Award for Literature (1976); and the Queen's Jubilee Medal (1978).

He married Llewella Sonley in 1919. She died in 1958. Dr. Hardy is survived by his son, George Evan, and two daughters, Helen Elizabeth (Mrs. G. Dickson), and Margaret Ann (Mrs. J. Simpson). □

## Conference on Ethnic Dimension In Canadian Writing

Maria Campbell, Giorgio Di Cicco, Myrna Kostash, George Ryga, Andrew Suknaski . . . these and other writers plus a number of academics with keen literary interests will be at the University 13 to 16 September for the conference "Identifications: Ethnicity And The Writer In Canada." It is a conference which, in the words of its organizers, The Canadian Institute of Ukrainian Studies and the Departments of English and Comparative Literature, will attempt to "broaden our understanding of Canadian literature and thus enrich our appreciation of it." To that end, a full program of paper presentations, panel discussions, public readings, film screenings, and exhibits has been

mounted.

The opening address will be given by H. Kreisel, University Professor and author, at 8 p.m. in Room 1 of the Audio-Visual Wing, Humanities Centre. The conference proper will be held there and in AVL 3 although, in connection with the event, an exhibit of the Public Archives of Canada will be on view in the Athabasca Hall Lounge and a library book exhibit will grace Rutherford Library's display cases. The archival exhibit, which will be in Athabasca Hall for about a month, centres on Ukrainian life prior to 1926. It consists largely of letters, newspapers, and photographs. The book exhibit will feature Ukrainian books published

in Edmonton prior to the First World War.

On both 14 and 15 September, the conference will begin at 9:30 a.m. There will be two sessions each day and the chairpersons in order of appearance are M. Dimic, Professor of Comparative Literature; S. Scobie, Associate Professor of English; R. Petryshyn, Research Associate, Canadian Institute of Ukrainian Studies; and D. Barbour, Associate Professor of English.

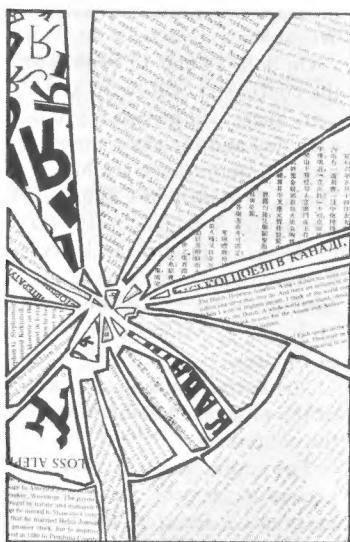
Mr. Petryshyn is also chairman of the organizing committee of the conference.

The conference will offer various paper presentations in the mornings, a film fest during the noon hours, and loosely struc-

tured sessions in the afternoon, where the accent will be on the interaction of writers, academics, and the audience.

An evening of poetry and prose will be presented on Friday, 14 September from 8-10 p.m. in AVL 1, Humanities Centre. Maria Campbell, George Ryga, and Rudy Wiebe will participate. At the same time, Myrna Kostash, Maara Haas, and Andrew Suknaski will read from their works at the Vegreville Composite High School. This event, says Mr. Petryshyn, is intended to embellish the conference and fix it more squarely in the public eye. In addition to the stimulation of public and academic interest in Canadian literature written in languages other than English and French (these were felt to be too vast to be treated adequately in the context of the conference), the conference aims to initiate a discussion among contemporary Canadian writers on the role that ethnicity plays in shaping their literary identities and outlook. The other objectives of the conference are to examine the ethnic dimension within mainstream Canadian literature and to raise awareness within the Canadian literary community of some of the problems that confront writers who work in minority languages in Canada.

The conference is open to the public. For further details, call 432-2972. □



## The 1979 Boomer Memorial Lectures

In 1958 the Department of Chemistry established a series of honorary lectures to recognize the contributions and long service of Professor Edward Herbert Boomer. Professor Boomer served with the Department of Chemistry from 1925 until his death in 1945.

Professor Boomer has been described as an outstanding teacher of chemistry. His research programs are of great significance to present day world problems. He established research in the area of hydrocarbons, particularly dealing with tar sands and coal. He envisioned the production of gas and oil from these abundant resources, and the production of products of higher molecular structure from natural gas. Today his early research is playing a vital role in the energy balance of the world.

This year's series of four lectures will be presented by



Professor Earl L. Muetterties

Professor Earl Muetterties of the University of California in Berkeley. Professor Muetterties received his Bachelor of Science from Northwestern University in

1949, and his Doctorate from Harvard in 1952. Upon graduation he joined Dupont's Central Research Department and became associate director in 1965. In 1973 he joined the faculty of Cornell University, and in 1978 moved to the University of California.

Professor Muetterties is author of over 200 research papers and reviews, and several books, and holds over one hundred patents. He has served on the editorial boards of many leading journals, and has received numerous honors and awards.

### Lecture Topics

11 September, "Surfaces and Clusters"

12 September, "Coordination Chemistry of Metal Surfaces"

13 September, "Catalytic Hydrogenation of Arenes"

14 September, "New Developments in Coordination Chemistry." □

## University of the Air

The CTV Network will be launching its fifteenth year of the program series "University of the Air" on 10 September. Few other programs on Canadian television have been running for a comparable length of time.

Fifteen CTV affiliated stations and twenty-seven Canadian universities are involved in the production of this valuable educational series. The University of Alberta and local station CFRN-TV are involved in the production of seven programs to be aired during the coming season. These are:

### War—The Most Dangerous Game II

Dr. K.C. Taylor, Associate Professor of Military and Soviet History, explores the lasting effects of victory or defeat in five great battles: Edgehill, 1642; Lobositz, 1756; Saratoga, 1777; Waterloo, 1815; and El Alamein, 1942. (28 January-25 February)

*Elements of Musical Interpretation*  
Dr. R.A. Stangeland, Professor of Music, deals with the musical style and its relationship to interpretation describing the musical elements which influence the performer's interpretative decisions. (13 May-10 June)

### Causes of Cancer

Dr. Carol E. Cass, Assistant Professor of Biochemistry and active in the Cancer Research Unit, points out that ninety percent of human cancers are caused by environmental factors such as chemicals, radiation, fibre particles, and possible viruses. This series will describe carcinogenesis, the process of cancer induction, the procedures used for the identification of chemical carcinogens in natural and commercial products, the properties of cancer-causing viruses, and cancer prevention by reduction or elimination of carcinogens from the environment. (27 December-

24 January)

### The Ice Age in Canada

Dr. N.W. Rutter, Professor of Geology, looks at how, why, and where glaciers flowed and how they eroded the land. Types of glacier deposits, their location, and the way Canada has benefitted from being glaciated will be discussed. Various theories on the origin of the ice age will be evaluated and possibilities of another glaciation will be considered. (31 January-28 February)

### The Quest for Minerals

Dr. R.D. Morton, Professor of Geology, reviews the search for mineral resources, uranium, Canada's natural mineral deposits, and the new techniques of discovery and recovery developed in recent years. (15 May-12 June)

### The Canadian Meat Industry

Dr. M.E. Stiles, Professor of Home Economics, explores the



largest food industry in Canada. Meat constitutes at least thirty percent of the consumer's food dollar. All aspects of the industry from animal production as an agricultural pursuit to preparation of meats for home consumption and in the food service trade are included. (23 November-21 December)

*Energy Futures for Canada*  
Dr. D.W.R. Wilson, Professor of Elementary Education and Geology, examines the energy needs and prospects for Canada to the year 2025. World energy futures, the energy we need, the energy we can have, the energy we might have, and the future for Canada's energy production will be discussed. (7 March-4 April)

The program schedule up to the end of December 1979 follows:

"South Africa and Apartheid"

Mondays, 10 September to 8 October.

"The History of Atlantic Canada"

Mondays, 15 October to 12 November.

"Maritime Realist Painting"

Tuesdays, 12 September to 9 October.

"The Perceptive Listener"

Tuesdays, 16 October to 13 November.

"Portraits of Power in Latin American Fiction"

Tuesdays, 20 November to 18 December.

"The Art of Landscape"

Tuesdays, 25 December to 22 January.

"Children's Play"

Wednesdays, 12 September to 10 October.

"Cross-Cultural Psychology"

Wednesdays, 17 October to 14 November.

"Quality of Working Life"

Wednesdays, 21 November to 19 December.

"Human Aggression"

Wednesdays, 26 December to 23 January.

"Cardiovascular Diseases"

Thursdays, 13 September to 11 October.

"Marine Archaeology: An Introduction"

Thursdays, 18 October to 15 November.

"Einstein, the Man and his Ideas"

Thursdays, 22 November to

20 December.

"Causes of Cancer"

Thursdays, 27 December to 24 January.

"Evolution of Geometrical Thought"

Fridays, 14 September to 12 October.

"Food Self-Reliance"

Fridays, 19 October to 16 November.

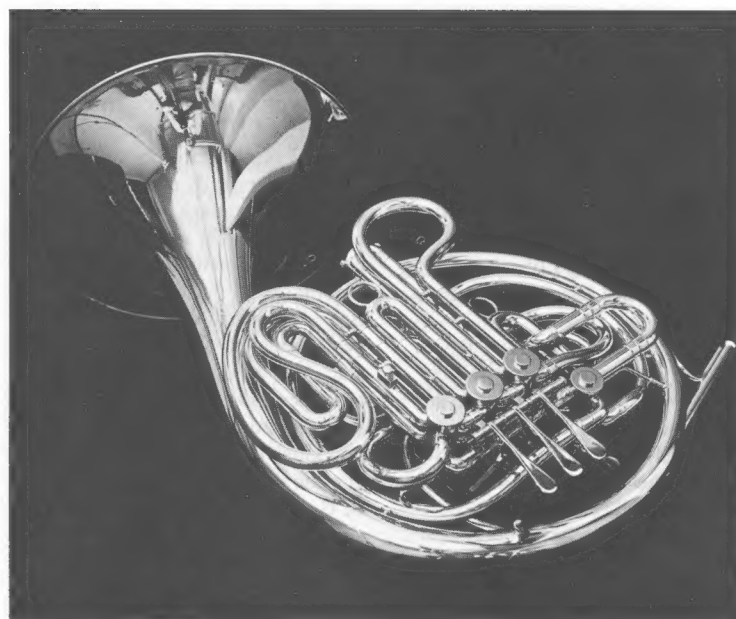
"The Canadian Meat Industry"

Fridays, 23 November to 21 December.

"So You Want to Make an Investment?"

Fridays, 28 December to 25 January.

"University of the Air" is an informative and universally appealing series, its only drawback is the unearthly time for which it is scheduled—6 a.m. □



## University Library Hours Winter Session 1979-80

Effective from 10 September 1979.

Variations from these hours are posted at the entrance to each service point.

	Monday-Thursday	Friday	Saturday	Sunday
<b>Cameron Library</b>				
Building Open	7:45 a.m.-12:00 midnight	7:45 a.m.- 6:00 p.m.	12:00 noon- 5:00 p.m.	12:00 noon-12:00 midnight
Circulation Services	7:45 a.m.- 9:45 p.m.	7:45 a.m.- 5:45 p.m.	12:00 noon- 4:45 p.m.	12:00 noon- 7:45 p.m.
Fines Collection	8:30 a.m.- 4:30 p.m.	8:30 a.m.- 4:30 p.m.	closed	closed
Government Publications	8:30 a.m.- 9:30 p.m.	8:30 a.m.- 5:00 p.m.	12:00 noon- 5:00 p.m.	closed
Health Sciences Library	8:30 a.m.- 9:30 p.m.	8:30 a.m.- 6:00 p.m.	12:00 noon- 5:00 p.m.	12:00 noon- 4:00 p.m.
Interlibrary Loans	8:30 a.m.- 4:30 p.m.	8:30 a.m.- 4:30 p.m.	closed	closed
Micromaterials	8:30 a.m.- 9:00 p.m.	8:30 a.m.- 5:00 p.m.	12:00 noon- 5:00 p.m.	closed
Photoduplication	8:30 a.m.- 4:30 p.m.	8:30 a.m.- 4:30 p.m.	closed	closed
Science Library	8:30 a.m.- 9:30 p.m.	8:30 a.m.- 6:00 p.m.	12:00 noon- 5:00 p.m.	no service
Reserve Reading Room	7:45 a.m.- 8:00 p.m.	7:45 a.m.- 5:00 p.m.	12:00 noon- 5:00 p.m.	12:00 noon- 5:00 p.m.
Special Collections				
(to 15 October)	8:30 a.m.- 4:30 p.m.	8:30 a.m.- 4:30 p.m.	closed	closed
From 16 October				
Tuesday to Thursday	8:30 a.m.- 9:30 p.m.		closed	closed
Monday and Friday		8:30 a.m.- 4:30 p.m.	closed	closed
Undergraduate Library	8:30 a.m.- 5:00 p.m.	8:30 a.m.- 5:00 p.m.	no service	no service
<b>Education Library</b>				
Building Open	7:45 a.m.-10:00 p.m.	7:45 a.m.- 6:00 p.m.	1:00 p.m.- 5:00 p.m.	1:00 p.m.- 5:00 p.m.
Circulation Services	7:45 a.m.- 9:45 p.m.	7:45 a.m.- 5:45 p.m.	1:00 p.m.- 4:45 p.m.	1:00 p.m.- 4:45 p.m.
Reference Services	8:00 a.m.- 9:30 p.m.	8:00 a.m.- 5:00 p.m.	1:00 p.m.- 5:00 p.m.	1:00 p.m.- 5:00 p.m.
Reserve Room	7:45 a.m.- 9:30 p.m.	7:45 a.m.- 5:30 p.m.	1:00 p.m.- 5:00 p.m.	closed
Curriculum Library	8:00 a.m.- 9:30 p.m.	8:00 a.m.- 5:00 p.m.	1:00 p.m.- 5:00 p.m.	1:00 p.m.- 5:00 p.m.
<b>Law Library</b>	7:45 a.m.-12:00 midnight	7:45 a.m.- 8:30 p.m.	8:30 a.m.- 5:00 p.m.	12:00 noon-12:00 midnight
<b>Mathematics Library</b>	9:00 a.m.-12:00 noon	9:00 a.m.-12:00 noon	closed	closed
	1:00 a.m.- 5:00 p.m.	1:00 p.m.- 5:00 p.m.		
<b>Physical Sciences Library</b>	9:00 a.m.- 5:00 p.m.	9:00 a.m.-5:00 p.m.	closed	closed
<b>Rutherford Library</b>				
Building Open	7:45 a.m.-12:00 midnight	7:45 a.m.- 6:00 p.m.	12:00 noon- 5:00 p.m.	12:00 noon-12:00 midnight
Circulation Services	7:45 a.m.- 9:45 p.m.	7:45 a.m.- 5:45 p.m.	12:00 noon- 4:45 p.m.	12:00 noon- 7:45 p.m.
Periodicals Reading Room	8:30 a.m.- 9:00 p.m.	8:30 a.m.- 6:00 p.m.	12:00 noon- 5:00 p.m.	closed
Bound Periodicals Circulation	8:30 a.m.- 9:00 p.m.	8:30 a.m.- 5:45 p.m.	12:00 noon- 4:45 p.m.	12:00 noon- 6:00 p.m.
Reference Service	8:30 a.m.- 9:30 p.m.	8:30 a.m.- 6:00 p.m.	12:00 noon- 5:00 p.m.	1:00 p.m.- 5:00 p.m.
Rutherford South Study Hall	7:00 a.m.- 2:00 a.m.	7:00 a.m.-12:00 midnight	7:00 a.m.-12:00 midnight	9:00 a.m.- 2:00 a.m.
<b>John W. Scott Library</b>	9:00 a.m.-10:00 p.m.	9:00 a.m.-10:00 p.m.	9:00 a.m.- 5:00 p.m.	1:00 p.m.- 5:00 p.m.

## Moves and Changes in Rutherford Libraries

*The following article has been received from C. Evans, Assistant Librarian.*

Lack of space for the Humanities and Social Science Collection has necessitated a series of moves in the Rutherford Libraries during the summer.

The Periodicals Reading Room has been relocated from the first to the second floor of Rutherford South and now occupies the former Unsupervised Reading Room. The room vacated on the first floor will be known as the Study Hall and will be open to library users from 7 a.m. to 2 a.m. Monday to Thursday; 7 a.m. to 12 midnight on Friday and Saturday; and 9 a.m. to 2 a.m. on Sunday.

Bound periodicals are in the

process of being moved from Rutherford North to the second floor of Rutherford South and to stack tiers 4, 5, and 6. Users will enter the stack tiers from the second floor just inside the circulation turnstiles. Stack tier 6 contains all periodicals classified in A; stack tier 5 has periodicals classified B to G3; stack tier 4 will have periodicals classified G4 to N (the move is still continuing in that area). Stacking for the second floor (to contain periodicals classified in P, U, and V) will be late arriving, so the move of bound periodicals is likely to continue throughout the Fall Term. However, moving will not be done during the mid-term examination period.

In order to minimize the inconvenience for users, the library

will post regularly updated signs on the first floor of Rutherford South indicating the progress of the move. Users should check these signs before making unnecessary trips to Rutherford North.

Newspaper back-files have been shelved in the basement of Rutherford South and can be retrieved for users by Periodicals Reading Room staff on the Second Floor.

Books classified in A have been returned to the first floor stacks in Rutherford North.

The Chinese Library has been moved from the second floor of Rutherford South to the small room in the north-west corner of the Study Hall on the first floor. □

and Barbara Zier, all of the Department of Dental Health Care, attended the International Symposium on Dental Hygiene in Vancouver, 25 to 28 July. Barbara Zier delivered a paper entitled, "Applying Preventive Dentistry Concepts in a Mental Health Institute." Anita Eastwood, Connie Melancon and Wynne Young presented a table clinic on "Cardio Pulmonary Resuscitation." Barbara Zier and Barbara Gitzel presented a table clinic entitled, "Dental Health Fantasia."

Brian Silzer is the new Secretary to the Board of Governors. His appointment, announced by Board Chairman John Schlosser and President Horowitz, went into effect 1 September. Among Mr. Silzer's responsibilities is the promotion of relations among the major constituent groups of the University. He also acts as resource person to the Board and the President by conducting research in answer to enquiries received (or as requested by the Chairman and/or President).



### publications

Himka, John-Paul (Ukrainian Studies): *The Formation of National Identity in Subcarpathia Rus'.* *Harvard Ukrainian Studies* 2 (1978): pp. 374-80.

Stevenson, Garth (Political Science): *Unfulfilled Union; Canadian Federalism and National Unity.* Toronto: Macmillan of Canada, 1979.

Haymond, Robert (Department of Educational Psychology): *Roots in the Shtetl: Modern Western Thought and the Case of Sigmund Freud.* *Journal of Psychology and Judaism* 3, No. 4 (1979): pp. 235-267.\*

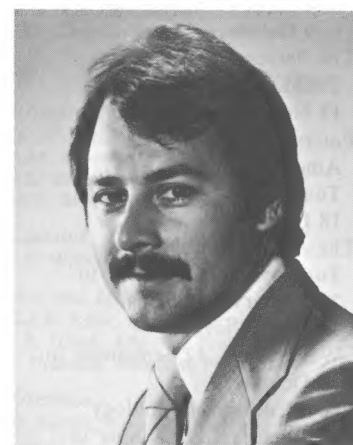
\* Originally presented at a graduate seminar on the "History of Social Thought" instructed by Professor A.K. Davis.

### people

Oliver Botar, honors student in geography, and L.A. Kosinski, Professor of Geography, jointly presented a paper, "International Migrations in East-Central Europe," to the annual meeting of the Canadian Association of Slavists in Saskatoon.

L.A. Kosinski, Professor of Geography, participated in a conference, *Science in the Service of Life*, in Vienna. The conference was organized by the Geneva/Paris based Institut de la Vie. For the first time in twenty years special sessions on "Population Science in the Service of Mankind" were included in the program.

Joan Conklin, Anita Eastwood, Barbara Gitzel, Connie Melancon, Marga Pittman, Wynne Young,



During his nine years in the employ of the University, Mr. Silzer has held the positions of timetable clerk, evaluator (of academic credentials submitted by students whose education background included study outside of Alberta), high school liaison officer, and, since 1975, assistant registrar (planning and development). Mr. Silzer holds BSc (biological sciences), BEd (secondary education) and MEd (educational administration) degrees from this University.

Reverend Eric Stephanson assumed his duties on 20 August 1979 as Chaplain of the Ecumenical Chaplaincy. The Reverend



Stephanson received a Bachelor of Arts degree with a Greek-French major from The University of Alberta, and has studied at the Vancouver School of Theology. He was Minister of Val d'Or United Church, Val d'Or, Quebec, for the two years prior to his appointment to campus.

Gordon Freeman, Department of Chemistry, received from the National Research Council of Canada a grant to attend the International Union of Pure and Applied Chemistry General Assembly in Davos, Switzerland 2 to 10 September 1979. Dr. Freeman will also attend the meetings of the subcommittee on Plasma Chemistry and of the Commission on Electrochemistry.

Gail Brown, Director of Housing and Food Services, attended the annual conference of the Association of College and University Housing Officers, 22 to 26 July. This year's conference, held in Burlington, Vermont, featured topics ranging from room assignment procedures to the emotional problems and concerns of student residents.

T.A. Marsland of the Department of Computing Science has been invited by the Soviet Academy of Science to visit the Institute for System Research, Moscow. Dr. Marsland, who will depart on 12 September for ten days, will give two seminars on "Control of Distributed Comput-

ing Systems" and "Computer Chess."

D.L. Flock has been appointed Chairman of the Department of Mineral Engineering. In approving the appointment, the Academic Concerns Committee of the Board of Governors said that Dr. Flock, who is currently on sabbatical leave, will take office on 1 July 1980 for a three-year term. In the meantime, F.H. Vitovec will remain in the chair. Dr. Flock holds a BSc and an MSc from the University of Oklahoma and a PhD from Texas A and M University. He came to this University in 1957 as Associate Professor of Petroleum Engineering. He was Associate Dean of the Faculty of Engineering from 1969 to 1973. Dr. Flock's sabbatical involves consultative work with the Alberta Oil Sands Technology Research Authority.

Darius R. Young, Professor of Industrial and Vocational Education, has achieved a national reputation in the United States in a field not often associated with academics. Dr. Young has been



shooting pistols competitively since 1956 and has won gold and silver medals in team competitions at the Pan American games in Puerto Rico. A Landed Immigrant, Dr. Young is still able to compete in competitions south of the border. This year, he became the US 1979 National Pistol Champion, in addition to winning the .22 calibre championship, the President's Pistol Match, and, a member of the US Army Reserve since 1978, that organization's Pistol Championship.

Peggy Anne Field, Faculty of Nursing, has been awarded a \$4,500 scholarship to continue her doctoral studies in education at The University of Alberta. She was one of thirteen Canadian nurses selected to receive a Canadian Nurses Foundation award for the year 1979-80.

Kathleen A. Dier, Associate Dean of the Faculty of Nursing, is in India conducting a six-week Workshop on Student Evaluation for Nurse Educators, under the auspices of the World Health Organization. Miss Dier previously served as a WHO Nurse Educator in Iran, Ghana, and Malawi between 1967 and 1973.

Associate Professor Harry Wohlfarth, Faculty of Extension, has been awarded the 1979 Renaissance Prize and Gold Medal of the International Burckhardt Academy of Rome. The award was presented at an impressive ceremony at the Episcopal Palace, Piazza San Salvatore, in Rome, and was attended by fifty-seven members of the academy.

## coming events

US Army Forces Command

Listings must reach the Editor by 9 a.m. on the Thursday prior to publication. Written notification is necessary. Listings should be sent to 423 Athabasca Hall.

## Music

### South Side Folk Club

The South Side Folk Club opens for the new season on Saturday, 15 September, at 8 p.m. The club will feature Stan Rogers and his band from Toronto, and Marc Younger from Los Angeles. Tickets are available at Keen Kraft Music 10204 107 Avenue, and Scottish Imports 10846 82 Avenue. For further information telephone 475-1042 or 475-2260.

### Richard Eaton Singers

11 September. 7:30 p.m. First rehearsal. Prospective new members may make appointment for auditions. Room 1-29 Fine Arts Building.

### Edmonton Choral Society

11, 12, and 13 September. Auditions will be held on these dates. Interested person should telephone 456-9660 days, 439-3756 after 6 p.m.

## Intercollegiate Sports

### Football

8 September. 2 p.m. Varsity Stadium. Manitoba. For information on this on-campus event, telephone 432-3365.

## Lectures and Seminars

### Department of Chemistry

11 to 14 September. 11 a.m. The Edward Herbert Boomer Memorial Lectures. Guest lecturer is Professor Earl Muetterties of the chemistry department at the University of California at Berkeley. V-107 Physical Sciences Complex.

### Department of Physical Therapy

13 September. 2 p.m. and 3:15 p.m. "Spinal Stress and Back Problems." Internationally renowned ergonomist, Dr. P.R. Davis of the University of Surrey, UK, will speak. 218 Corbett Hall.

### Department of Botany

6 September. 3 p.m. "Aspects of Conifer Evolution." Dr. Charles Miller of the University of Montana will speak. M-149 Biological Sciences Building.

7 September. 3 p.m. "Biogeography of the Zosterophylls." Dr. Harlan P. Banks of Cornell University will be the speaker. M-149 Biological Sciences Building.

### Faculty of Medicine

7 and 8 September. "A Kaleidoscope of Child Abuse." Co-sponsored with the Division of Continuing Medical Education and the Legal Education Society of Alberta. Hotel Macdonald. For information, telephone Dr. Fried 484-8151.



## Films

### Department of Radio and Television

9 September. 12 Noon. In conjunction with the Alberta International Year of the Child Committee, "The Puzzle Children" starring Julie Andrews and Bill Bixby. CFRN TV (Channel 3, Cable 2).

### Edmonton Public Library

10 September. 12 noon. "How to play Football," starring Goofy; "The Inspiration of Mr. Budd"; and "Special Effects." Centennial Library Theatre. Free admission. Bring your lunch.

### Edmonton Committee for Peace and Reconstruction in Nicaragua

8 September. 7:30 p.m. "Nicaragua September 1978," after film, dance to Fat Chants and enjoy folkloric performances. Refreshments. Adults \$3 and \$1 for children. Telephone 467-5973 or 432-7242. Ukrainian Centre, 11018 97 Street.

### National Film Theatre

7 September. 7:30 and 9:30 p.m. "Bingo" (Canada, 1974). 12, 13, and 14 September. 7:30 p.m. "El Topo/The Mole" (Mexico, 1970). Restricted adult. Showing in the Citadel's Zeidler Hall.

### University of the Air

Every weekday beginning 10 September.

6 a.m.

Mondays: "South Africa and Apartheid."

Tuesdays: "Maritime Realist Painting."

Wednesdays: "Children's Play."

Thursdays: "Cardiovascular Diseases."

Fridays: "The Evolution of Geometrical Thought."

## Exhibitions

### Edmonton Public Library

Continuing. "Colors and Textures

of Alberta" by Donna Jaque. Showing in the Centennial Library.

Continuing. "Mysteries on Mount Carmel," an exhibition of photographs by Paul Lencucha. Displaying in the Photography Gallery in the Centennial Library.

### University Art Gallery and Museum

Continuing. "International Year of the Child Exhibition." Painting, printmaking, and sculpture by eight Canadian artists. Ring House Number One.

### Devonian Botanic Garden

Plants in bloom during the second week of September: Aster, Lilium, Sedum, Solidago.

### Alberta Culture

Continuing. "Springer Exhibit." Features 54 costumes from East India. Showing in Feature Gallery #3. Telephone 427-1771.

### Latitude 53

6 September. "Giuseppe Albi," the first show for 1979-80 with a one-man exhibition by well-known Edmonton artist, Giuseppe Albi.

### University Special Collections

Continuing. "Wyndham Lewis: An Exhibition in honor of Sheila Watson." Showing in B37 Cameron Library. Monday to Friday, 8:30 a.m. to 4:30 p.m.

### Students' Union Art Gallery

Continuing. "Artisan '78." A collection of contemporary Canadian crafts.

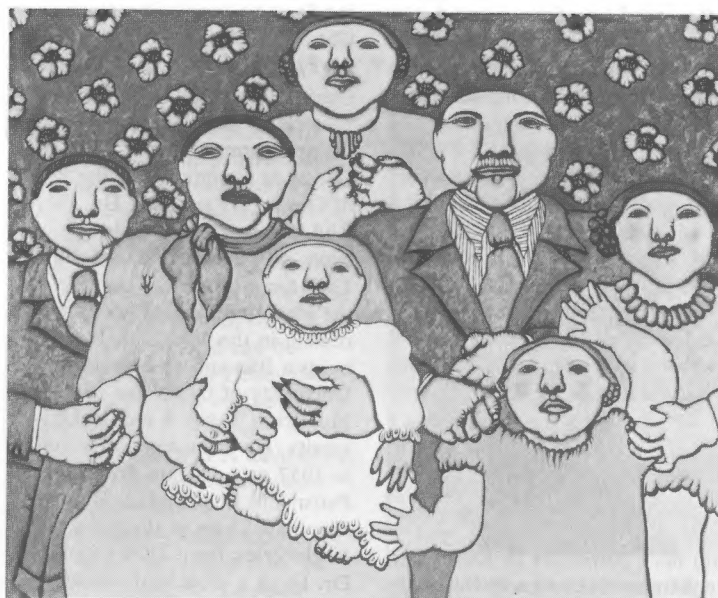
### Edmonton Art Gallery

Continuing. "Looking South." Prints illustrating the influence of Inuit art.

7 September. "Joseph Fafard." Ceramic sculpture by this Saskatchewan artist.

### West End Gallery

To 22 September. "Landscapes '79," by Hendrik Bres of the University's Printing Services. 9505 156 Street. Telephone 489-2666, 489-3295. (Preview on Monday 10 September, 7 to 9 p.m.).



Tom Moore

Included in the "International Year of the Child Exhibition" is Puce Wallpaper by Jane Martin, oil on panel, 1975. Photograph courtesy of Aggregation Gallery, Toronto.

## service information

Information must reach the Editor by 9 a.m. on the Thursday prior to publication. Written notification is necessary. Notices should be sent to 423 Athabasca Hall

## Academic Promotions

Effective 1 July 1979

### Faculty of Agriculture and Forestry

#### Animal Science

F.X. Ahern, Professor

#### Entomology

D.A. Craig, Professor

#### Rural Economy

M.M. Veeman, Professor

### Faculty of Arts

#### Anthropology

R. Darnell, Professor

L.M. Fedigan, Associate Professor

C.E. Schweger, Associate Professor

### English

R.G. Siemens, Professor

D.E. Bessai, Professor

R.G. Moyles, Professor

R.T. Harrison, Professor

L.W. Conolly, Professor

N.J. Parker-Jervis, Associate Professor

### Romance Languages

D. Musacchio, Professor

A.M. Forcadas, Professor

B.L. Rochet, Professor

M.G. Badir, Associate Professor

### Classics

J.R. Wilson, Professor

### Art and Design

G.J.B. Egler, Associate Professor

J.R. Giard, Associate Professor

J. Frascara, Associate Professor

### Drama

D. Barnet, Associate Professor

### History

O.P. Dickason, Associate Professor

### Germanic Languages

C.S. Hale, Associate Professor

### Music

F.C. Pier, Associate Professor

H.H. Wiens, Associate Professor

### Political Science

L.H. Craig, Associate Professor

D.J.C. Carmichael, Associate Professor

### Slavic Languages

B. Medwidsky, Associate Professor

### Sociology

L.E. Larson, Professor

N. Stehr, Professor

S.M. Abu-Laban, Associate Professor



## ***Faculty of Business Administration and Commerce***

***Finance and Management Science***  
M.M. Nakamura, Professor

***Marketing and Economic Analysis***  
R. Savitt, Professor

***Industrial and Legal Relations***  
M.M. Park, Associate Professor

## ***Faculty of Education***

***Educational Foundations***  
R.J. Carney, Professor

***Educational Psychology***  
L.L. Stewin, Professor  
E.A. Blowers, Associate Professor  
G.W. Fitzsimmons, Associate Professor  
R.F. Mulcahy, Associate Professor

***Elementary Education***  
W.G. Cathcart, Professor  
R.K. Jackson, Professor  
D. Sawada, Professor  
D.W.R. Wilson, Professor  
P.A. Payne, Associate Professor  
P.J. Platt, Associate Professor  
P.H. Rafferty, Associate Professor

## ***Faculty of Engineering***

***Chemical Engineering***  
P.H. Masliyah, Professor

***Civil Engineering***  
R. Bjorhovde, Professor  
T.M. Hruday, Professor  
C.J. Montgomery, Associate Professor

***Mechanical Engineering***  
R.R. Gilpin, Professor  
D.J. Wilson, Professor  
T.W. Forest, Associate Professor  
E.M. Gates, Associate Professor

***Mineral Engineering***  
M. Jeremic, Professor

## ***Faculté Saint-Jean***

***Faculté Saint-Jean***  
H. Hebert, Associate Professor

## ***Faculty of Home Economics***

***Home Economics***  
D.K. Kieren, Professor  
D. Reid, Associate Professor

## ***Faculty of Law***

***Law***  
D.R. Percy, Professor  
R.G. Hopp, Associate Professor  
B.P. Elman, Associate Professor  
A.C. Rice, Associate Professor

## ***Library***

***Library***  
S. Empey, Librarian II  
C. Ewaskiw, Librarian II

D. McKergow, Librarian II  
M.E. Pyrch, Librarian II  
***Library (1 September 1979)***  
S.E. Manwaring, Librarian III

## ***Faculty of Medicine***

***Pharmacology***  
D.A. Cook, Professor  
J. Elbrink, Associate Professor

***Health Services Administration***  
C.B. Hazlett, Professor

***Surgery***  
K.L. Bowes, Professor

***Immunology***  
L.M. Pilarski, Associate Professor

***Pathology***  
R.A. Amy, Associate Professor  
L.D. Jewell, Associate Professor

***Pediatrics***  
A. Rouget, Associate Professor  
T.F. Ward, Associate Professor

***Medicine***  
R.L. Jones, Associate Professor  
P.S. Rennie, Associate Professor

***Anatomy***  
B.R. MacPherson, Assistant Professor

## ***Faculty of Nursing***

***Nursing***  
R.A. Day, Associate Professor  
A. Neufeld, Associate Professor

## ***Faculty of Pharmacy***

***Pharmacy***  
L.I. Wiebe, Professor

## ***Faculty of Physical Education and Recreation***

***Physical Education***  
C.J. Drake, Professor  
G. Redmond, Professor  
J. Terauds, Professor

***Recreation Administration***  
R.P. Heron, Professor

## ***Faculty of Rehabilitation Medicine***

***Occupational Therapy***  
J. Vargo, Associate Professor

***Physical Therapy***  
S. Kumar, Associate Professor  
***Speech Pathology and Audiology***  
G. Holdgrafer, Associate Professor

## ***Faculty of Science Mathematics***

W.J. Bruce, Professor  
J.G. Timourian, Professor  
L.H. Erbe, Professor  
H.H. Brungs, Professor  
T.B. Moodie, Associate Professor  
D.L. McLeish, Associate Professor

***Computing Science***  
J.R. Sampson, Professor

***Physics***  
G. Rostoker, Professor  
D.M. Sheppard, Professor  
H.J. Kreuzer, Professor  
J.M. Cameron, Professor  
A.Z. Capri, Professor

***Zoology***  
R.E. Peter, Professor  
J.F. Addicott, Associate Professor  
A.N. Spencer, Associate Professor

***Chemistry***  
G. Horlick, Professor  
D.L. Rabenstein, Professor  
R.S. Brown, Associate Professor  
T. Nakashima, Faculty Service Officer III

***Linguistics***  
B.L. Derwing, Professor

***Geography***  
J. Shaw, Professor  
M.J. Hodgson, Associate Professor  
J.H. England, Associate Professor

## ***Student Affairs***

***Dean of Students***  
B.M. Smith, Professor

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## ***Notices***

***GFC Committee Vacancy***  
Selection Committee for Chairman of  
the Department of Physical Therapy.  
Selection Committee for Chairman of  
the Department of Sociology

The GFC Nominating Committee is  
seeking nominations to fill the  
vacancy for one member of the  
academic staff to serve on the  
above Selection Committees.

Regulations governing the composition  
of selection committees require that  
one member, not a member of the  
department concerned be elected by  
General Faculties Council.

Would those who have suggestions  
for nominations or who are interested  
in serving on the above committees  
please contact the Secretary of the  
Nominating Committee at 2-1 Univer-  
sity Hall. (432-4715). It would be  
useful if a very brief vita could  
accompany any nomination.

## ***Catholic Campus Ministry Academic Mass***

There will be an Academic Mass at  
St. Joseph's College Sunday, 16 Sep-  
tember, at 11 a.m. to open the  
1979-80 academic year. Archbishop  
Joseph MacNeil JCD will be the main  
celebrant and will give the homily.  
The Chancellor of the University, Jean  
Forest, will do one of the readings.

Members of the University Academic  
Staff are invited to participate in the  
Academic Procession which starts at

the Faculty Lounge (opposite the front  
doors of the College). Please bring your  
academic robes. A small number of  
gowns will be available in the Lounge.

***Edmonton Transit Student Pak***  
Edmonton Transit's autumn "Student  
Pak" is now available to full-time  
postsecondary students. The \$65  
package entitles subscribers to  
unlimited use of the city bus and LRT  
system during the months September  
to the end of December. Proof of  
course registration is required for  
the purchase of the package. Student  
Paks are available at the following  
outlets:  
Student Union Box Office in HUB;  
NAIT Student Store;  
Grant MacEwan Community College;  
Bookstore;  
Alberta College General Office; and  
Edmonton Transit Administration.  
For further information telephone  
428-5835.

***Modern Differential Geometry***  
P.L. Antonelli, of the Department of  
Mathematics, will offer a course in  
*Modern Differential Geometry* at the  
graduate level (Math 520) this academic  
year. Volumes 1 and 2 of M. Spivak's  
comprehensive work are the chosen  
texts. Toward the end of the year, at  
least a half a dozen lectures will be  
given on applications selected from  
relativity, mathematical genetics, ecology,  
and developmental biology, to suit the  
tastes of the students. Telephone  
432-5742 for further information.

***English Language Courses***  
The Faculty of Extension is offering  
English as a Second Language courses  
during the fall term. Courses range  
from refresher programs to a level of  
competence suitable for business or  
postsecondary education. The courses  
run from 24 September to 5 December  
1979. Classes are held twice a week  
for two hours, making a total of forty  
hours. Classes begin on 24 and 25  
September, and will be limited to  
twenty students each. Most courses  
include work in the Language Labora-  
tory where pronunciation and idioms  
are practised.

Those who have completed a course  
in English or have been tested may  
register by mail or in person. People  
who have not been tested may take  
the test at Room 228—Corbett Hall  
at the following times:  
8 September, 9:30 a.m.; 12 September,  
7:00 p.m.; 15 September, 9:30 a.m.;  
20 September, 7:00 p.m.; and 22 Sep-  
tember, 9:30 a.m.

A fee of \$3 is to be paid before the  
times shown. The tests will last about  
two and a half hours.

For further information telephone  
432-3116.

## ***Children Needed For Music Programs***

University staff who know of children  
in Grade VII are invited to apply on  
their behalf for instruction in the music

programs being offered for the seventeenth year by the Music Education Laboratory (MELAB) during 1979-80.

The children will form a band and a string orchestra for beginners. The annual fee of \$30 includes the use of an instrument during the first year. No musical experience is required.

For further information, telephone 432-3680 or 432-0623 or write to Alan Smith, Professor, Department of Secondary Education.

### Faculty Curling Association

The first game of the 1979-80 curling season will be played on Thursday, 4 October. All games will be played in the Students' Union Curling Rink, SUB. As in previous years, the draws will be on Thursday night at 5, 7, and 9 p.m.

The annual organizational meeting will be held in the Saskatchewan "A" room of the Faculty Club on Wednesday, 26 September at 5 p.m. A representative of each team must attend the entire meeting. Draw preference (5, 7, or 9 p.m.) will be given to those teams which have a representative in attendance at the meeting.

The club can only accommodate twelve rinks at each draw time, for a maximum of 36 rinks. The deadline for receipt of entries is 26 September, so send your entry as soon as possible.

Curling fees have been increased slightly this year. The fee is \$150 per rink, which is \$1.88 per person per game. The skip is responsible for submitting the full season's fee, which should accompany the entry form. Cheques should be made payable to: The Faculty Curling Association.

A bonspiel has been set for 28 February to 1 March, which is during Reading Week of the second term. The annual banquet will take place in 15 March at the Faculty Club.

Additional forms and further information may be obtained from Mary Janes Davies, Department of Plant Science.

### NASA Mixed Curling League

The NASA Mixed Curling League will start its activities on Monday, 1 October 1979. Curling will take place in the basement of SUB every Monday from 7 to 9 p.m. Contact Ann Campbell, 432-4578.

### Emergency Housing

Emergency housing is available through Housing and Food Services, Lister Hall, from 15 August to 15 September 1979.

The accommodation offered is dormitory style and normally is limited to three nights at a cost of \$5 per night.

For further information phone 432-4281, or apply at the front desk, Housing and Food Services, Lister Hall, University of Alberta.

### Religious Studies Moves

The Department of Religious Studies has moved to the Humanities Centre. The telephone numbers remain the

same. The room numbers for staff are: General Office—4-65; E.H. Waugh, Chairman—4-65A; P.J. Cahill—4-67; K.D. Prithipaul—4-71; M. Waida—4-69; and M. Morgan 4-72.

### Folio

The Office of Community Relations has recently adopted the following policies.

1. Effective 4 October 1979, all University offices and departments will be charged for the placement of display advertisements. The rates for University contributors during the current fiscal year will be:
 

(a) Half page	\$62.50
(b) Column	31.25
(c) Unit	6.00
(d) Business card (two units)	12.00
(e) Typesetting (per word)	.12
(f) Adjustment of design work	3.00

2. Effective immediately, all publicly or privately funded institutions, whose budgets are *not* administered by The University of Alberta, will be charged for the placement of material under the rubric "Positions Vacant" at the full current advertising rates.

3. Information placed under the rubric "Notices" is restricted to that which emanates from university or governmental sources.

4. The deadlines for submission of material for inclusion in "Coming Events," "Service Information," and "Advertisements" are indicated clearly under the appropriate heads. There can be no guarantee that information which reaches the Office of Community Relations after those deadlines will be published in the desired issue of *Folio*. It should be noted that the deadline for cancellation of advertisements is the same as that specified for their submission.

5. The Office of Community Relations reserves the right to amend or reject any material submitted. Information appears in any part of the bulletin as a service to the University community according to the dictates of available space. The acceptance of material submitted to the Office of Community Relations should not be understood to guarantee a date for publication.

Should there be any questions concerning the policies announced here, please direct them to the Editor, *Folio*, Office of Community Relations, 423 Athabasca Hall, telephone 432-2325.

### Singles on Campus

The Singles on Campus group was organized two years ago as a social club for single, divorced, or widowed people who wish to share mutual concerns and interests. The membership includes people who work on campus, but has always been open to any others who wish to participate.

The club will be resuming its activities in the fall, and invites interested persons to make suggestions regarding the planning of future events. In the past, members have opened their homes for the smaller functions and these have been very successful.

Singles on Campus has been sponsored as a University group by the Student Affairs office of the University.

For more information or input, please telephone Audrey Brooks at 487-9195.

## Non-Credit Courses

### The School of the French Alliance

Date: 19 September. French courses for adults, 6:30 to 8 p.m., and children, 4:15 to 5:15 p.m., a ten-week course. Registration on 6 and 7 September, 4:30 to 7:30. Room 232 Education Building. Telephone 435-1969.

### Faculty of Extension

#### Conversational French

Date: 18 September. Duration: Twelve weeks, Tuesday and Friday, noon to 1 p.m. Fee: \$45. Telephone 432-3033.

### Biblical and Modern Hebrew for Beginners

Date: 12 September. Duration: Twelve Wednesdays, 7 to 9 p.m. Class limit: 15. Fee: \$45. Telephone: 432-3033.

## Research Grants

### Granting Agencies:

#### Application Deadlines

This list of deadline dates for submissions to granting agencies for research funds, exchange programs, and travel grants is published every month in *Folio*. To allow sufficient time for processing, all applications should reach the Research Grants and Contracts Office at least ten days before the deadline date. Where other University resources are involved, the time may be much longer than ten days and such applications should be submitted well in advance. An extra copy of the application should be provided for the Research Grants and Contracts Office.

Further information may be obtained by consulting the *Calendar of Granting Agencies for Research Funds, Exchange Programs, and Travel Grants*, which is available in the offices of Deans, Directors of Institutes and Centres, and the Department Chairmen, or by telephoning the Research Grants and Contracts Office, 432-5360. Note: Although the *Calendar* is updated on a continuous basis, the following information is subject to change without notice. If staff members have advance information on forthcoming changes, the Research Grants and Contracts Office would appreciate being advised. Code: (R) Research Funds; (E) Exchange programs; (T) Travel grants.

Granting Agency	Deadline Date
Agriculture Canada—Extra-mural Research Grants	1 Oct.

Operating Grants (R) Calendar Source 10	15 Dec.
Alberta Environmental Research Trust (R) Calendar Source 17	1 Oct.
American Philosophical Society (R) Calendar Source 25	12 Oct. 7 Dec. 9 Feb. 11 Apr. 8 Aug.

The Arthritis Society (R) Calendar Source 27	15 Oct.
Canada Council—Killam Program (R) Calendar Source 56	1 Oct.
Canadian Cystic Fibrosis Foundation (R) Calendar Source 75	1 Oct.
Canadian Heart Foundations (R) Calendar Source 85	1 Oct.
Multiple Sclerosis Society of Canada (R) Calendar Source 259	1 Oct. 1 Apr.
Natural Sciences and Engineering Research Council—Nuffield Visiting Lectureships in Science (T) Calendar Source 302	1 Oct.
James Picker Foundation—Picker Scholarships (R) Calendar Source 350	1 Oct.
Social Sciences and Humanities Research Council (R) Calendar Source 390	15 Oct. 15 Jan. 15 July
Social Sciences and Humanities Research Council—Leave Fellowship (T) Calendar Source 400	1 Oct.
Renewals	
US Department of Health, Education and Welfare (R) Calendar Source 420	1 Oct. 1 Feb. 1 June
New and Supplemental	1 Nov. 1 Mar. 1 July

## Positions Vacant

### On-Campus

#### Faculty of Extension

Visual Arts in the Faculty of Extension requires models for its art classes. Renumeration will be \$7/hour. For more information, please telephone 432-3034.

### Health Sciences Reference Librarian

The University of Alberta Library invites applications for the position of Reference Librarian in the Health Sciences Library. Duties will also include library instruction and collection development. Graduate degree in Library Science required and subject degree in the biological sciences desirable. Preference will be given to person with experience in a health science library and knowledge of on-line data base searching.

Salary according to experience and

qualifications. Salary range: \$14,698 to \$25,575 per annum. Academic status, excellent fringe benefits, removal grant. Applicants should send curriculum vitae, transcripts of academic records, and the names of three references to Bruce Peel, Chief Librarian, The University of Alberta, Edmonton, Alberta, T6G 2J8. The University of Alberta is an equal opportunity employer.

### Bales Observers

Require—Bales observers who can code live at acceptable reliability level for research purposes. Contact Dr. McEwen, 484-7297.

### Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 30 August.

Clerk Typist II (\$707-\$817)—Political Science; Housing and Food Services; Vehicle Pool; Business Administration and Commerce; Rehabilitation Medicine (term); Immunology; Health Science Audiovisual—Education (term); Office of the Comptroller (term); Secondary Education (term)  
Clerk Steno II (\$707-\$844)—Technical Services; Educational Foundations (two positions); Anatomy; Secondary Education; Mechanical Engineering; Surgery; Forest Science ; Extension (two positions)  
Financial Records Clerk (\$353.50-\$422.00, term, half time)—Forest Science  
Senior Clerk (\$761-\$910)—Extension; Special Sessions  
Clerk Typist III (\$761-\$910)—Administrative Services; Purchasing/Buying; Library Science; Home Economics; Educational Administration; Geography  
Clerk Steno III (\$785-\$945)—Plant Science; Educational Psychology (two positions); Chemical Engineering; Continuing Medical Education; Civil Engineering (two positions); Law (two positions); Obstetrics and Gynaecology; Physiology; University Occupational Health, Safety and Fire; Mineral Engineering; Secretariat  
Data Entry Operator I (\$785-\$945)—Bookstore  
Data Entry Operator I (\$785-\$945)—\$1,026—Computing Service; Rural Economy  
Data Entry Operator II (\$844-\$1,026)—Sociology  
Library Assistant I (\$817-\$985)—Boreal Institute  
Accounts Clerk (\$844-\$1,026)—Office of the Comptroller  
Medical Steno (\$844-\$1,026, term)—Surgery; Medicine  
Secretary (\$878-\$1,071)—Business Administration and Commerce; Extension  
Secretary (\$915-\$1,116, trust)—Nursing (Nurse Practitioner Program); Alumni  
Administrative Clerk (\$910-\$1,115)—

Geology; Sociology  
Senior Technical Assistant (\$910-\$1,115)—Technical Services (Graphics Division)  
Data Entry Supervisor (\$985-\$1,212)—Administrative Systems  
Senior Systems Control Clerk (\$1,026-\$1,264, term)—Field Services (Education)  
Senior Accounts Clerk (\$1,026-\$1,264)—Office of the Comptroller  
Audiovisual Assistant (\$381-\$455, term, half-time)—Geography  
Computer Assistant I (\$707-\$844)—Computing Services  
Laboratory Assistant II (\$733-\$878)—Provincial Laboratory  
Laboratory Assistant II/III (\$733-\$985)—Provincial Laboratory  
Storeman I (\$761-\$910)—Office of the Registrar  
Storeman I/II (\$761-\$1,071)—Chemistry  
Animal Assistant II (\$817-\$985)—Bioscience Animal Services  
Computer Assistant II (\$817-\$985)—Computing Services  
Technical Assistant (\$844-\$1,026)—Pharmacology  
Storeman II (\$878-\$1,071)—Central Stores  
Pool Operations Attendant (\$910-\$1,115)—Physical Education and Recreation  
Civil Engineering Technician I (\$910-\$1,115)—Civil Engineering  
Research and Planning Analyst II (\$910-\$1,115)—Vice-President (Planning and Development)—Planning Office  
Audiovisual Technician I (\$910-\$1,115)—Audiovisual Media Centre  
Dental Technician I (\$945-\$1,162)—Dental Clinical Sciences  
Computer Operator I (\$945-\$1,162)—Educational Research Services; Computing Services  
Biology Technician I (\$949-\$1,162, trust)—Zoology  
Technician I (\$949-\$1,162, trust)—Plant Science  
Biochemistry Technician I (\$949-\$1,162, term, trust)—Pharmacology  
Technician I/II (\$949-\$1,318, trust)—Medicine  
Maintenance Man II (\$985-\$1,212)—Housing and Food Services  
Technician II (\$1,026-\$1,264)—Mineral Engineering  
Technologist I (\$1,026-\$1,264)—Entomology  
Electron Microscope Technician II (\$1,026-\$1,264)—Pathology  
Technologist I (\$1,026-\$1,264)—Surgery  
Laboratory Technologist I (\$1,026-\$1,264)—Provincial Laboratory (two positions)  
Electronics Technician II/III (\$1,070-\$1,501)—Chemistry  
Biochemistry Technologist I/II (\$1,070-\$1,500, trust, full time equivalent, part-time)—Microbiology  
Technologist I/II (\$1,070-\$1,500, trust)—Zoology  
Electronic Technician II/III (\$1,071-\$1,501)—Physics  
Art Technician-Demonstrator I (\$1,115-\$1,377)—Art and Design (two positions)  
Editorial Assistant (Designer) (\$1,115-\$1,377, trust)—University Press  
Curriculum Technician III (\$1,162-

\$1,439)—Audiovisual Media Centre  
Applications Analyst (\$1,162-\$1,439)—Physical Plant  
Graphics Technician III (\$1,162-\$1,439)—Computing Services  
Biology Technician III (\$1,162-\$1,439)—Genetics  
Civil Engineering Technician III (\$1,162-\$1,439)—Civil Engineering  
Machinist Technician II/III (\$1,162-\$1,638)—Physics  
Chemical Technologist II/III (\$1,162-\$1,638)—Chemical Engineering  
Electronics Technician III (\$1,212-\$1,501)—Physics  
Programmer/Analyst II (\$1,212-\$1,501)—Forest Science; Educational Research Services  
Accounting Supervisor (\$1,264-\$1,569)—Office of the Comptroller (Payroll)  
Technologist III (\$1,320-\$1,638)—Mineral Engineering  
Programmer/Analyst III (\$1,439-\$1,789)—Computing Services; Administrative Systems  
Engineering Technologist V (\$1,638-\$2,044)—Physical Plant  
Specialist Technician (\$1,638-\$2,044)—Civil Engineering; Physics  
Specialist Technician (\$1,708-\$2,131, trust)—Physics

*The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board in the Cameron Library, Room 512, should be consulted for further information as to availability and position requirements.*

Library Clerk III (\$761-\$910)—Cataloguing (two positions); Special Collections  
Administrative Clerk (\$844-\$1,026)—Accounting  
Library Assistant I (\$817-\$985)—Special Collections  
Secretary (\$878-\$1,071, term)—Administration  
Library Assistant II (\$910-\$1,115)—Education

## Advertisements

All advertisements to be placed in Folio must reach the Editor on the Thursday prior to publication, which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 20 cents per word for the first week and 10 cents per word for subsequent weeks ordered before the next deadline. Advertisements must be paid for in advance, and are accepted at the discretion of the Editor. We regret that no advertisements can be taken over the telephone. For order forms or further information, telephone 432-2325.

### Accommodations available

For sale—Bungalow in Windsor Park at 8932 116 St. \$127,000. For appointment call 439-4207.  
For sale—Riverbend Townhomes. River-shire—Two bedrooms, fireplace, main floor laundry, double garage and view. Hearthstone—Three bedrooms, fireplace, and garage. Full

and open basement to creatively develop. Both are excellent value at \$83,900 and \$92,900. Call DeAnna Larson 481-0936. Spencer Real Estate 436-5250.

For sale—Blue Quill condominium. 20 minutes from University. One year old, three bedrooms, 1½ bathrooms, carpet throughout. \$54,500, by owner. No agents. Day 432-5285; night 436-5982.

For sale—by owner—excellent executive two storey on Ravine Street in St. Albert. Four bedrooms, formal living/dining room, fireplace, family room, double garage. Close to schools, etc. 458-5001, 458-6718.

For sale—Westbrook Drive. Excitingly decorated bungalow. 2,900 sq. ft. on main level. Walk out basement with exceptional recreation area. Ravine view. Best value on the market. Priced well below replacement cost. Serious offers considered. Price \$595,000. Faye Lund, Block Bros. Realty. 487-2422, 436-4240.

For rent—Southside three bedroom condominium partially furnished. Twenty minutes to University. Available 1 September. \$489. 432-5285, 436-5982.

For sale by owner—2 x 100 acres divided by country road. Natural ski slopes; excellent for country lodge. Beautiful view to Pembina Valley. Not good for farming. \$200,000. Cash only. 433-0629, 727-2483.

For rent or sale—Quiet westend condominium. \$400. Three bedrooms and rumpus room. Stove, fridge. Direct bus. \$48,200. Phone 487-7133, 434-5064. No agents.

For sale—Redecorated three bedroom bungalow, 10824 140 Street. One stop sign, one traffic light from University. Large lot 51'X140'. Apple trees. No commission. \$75,000. 482-6166.

For rent—Beautiful, four bedroom, townhouse condominium. 5 minutes from University. Immaculate condition. \$425 per month. Phone Paul 429-5065 or Jon 479-1574. Available immediately.

Sublet—Fully furnished apartment. Two bedrooms, 1½ baths, heated underground parking, near shopping centre. Bus line—8 minutes downtown, cable TV, pool, sauna. All utilities included. 5 or 6 months. \$600. No pets. Call 482-2855.

For rent—Furnished condominium. Hyde Park. Two bedroom \$500 monthly. All facilities. 505, 10160 115 Street. Close to all amenities. 488-1580 res., 436-4240 bus.

For sale—Executive condominium. Riverbend. Two bedrooms, two bathrooms, five appliances, extras include: pool, whirlpool, sauna, billiard, exercise and party rooms. \$82,000. No agents. 435-2242 after 6 p.m.

For sale—1,020 sq. ft. bungalow. 11050 80 Avenue. Two bathrooms, excellent basement development, double garage. Treat as clear title. Possession date open. \$97,000 or offers. Antique furniture and 1959 Jaguar sedan not included. Paul Jensen 433-9866, 432-7464.

For rent—Shared house, board. Female preferred. 455-7223, 427-2255.

For rent—Luxury executive townhouse. Westend. 1,300 sq. ft., end unit.

Heated garage, automatic opener, five appliances, three bedrooms, fireplace. Ideal for couple. \$550 monthly. References required. Phone evenings, weekends 435-0250.

For sale—Belgravia. Three bedroom bungalow on large beautifully treed lot. \$150,000. 436-1756.

For rent—Large two bedroom fully furnished apartment, very close to University. All appliances. Available immediately. Suitable married graduate student or two graduates. Sharing \$300 monthly including utilities. 435-0866.

For rent—Three bedroom townhouse, 1,600 sq. ft., furnished with five appliances. Available 1 October. \$550 monthly. 439-9675, 437-6789.

For rent—Paris, Boulevard Porte Royale. Small furnished apartment available September 1979. 1000 francs monthly. Inquiries (English/French) Dr. Tramer, 91640 Briis Sous Forge Mulleron, France.

For sale—Two year old, two bedroom bilevel house on large lot. Partially developed downstairs. South end of Mill Woods, easy access to Highway 2, 15 minutes to University. 20 minutes downtown. \$70,000. 462-5825 after 5 p.m.

For sale—Garneau. Attractive, two-storey. Excellent condition. 11131 80 Avenue. 433-1813.

For sale—By owner. Three acre lot. Good residence area. One block to Mure Lake. Six miles north of Spruce Grove, \$31,000. 462-5825 after 5 p.m.

For rent—Professor wishes to share (m/f) two bedroom, fully furnished house. Easy walking distance to University. \$185 monthly, plus utilities. 432-2154. Evenings 436-6466.

For sale—Three bedroom, split level. North Glenora. 1,770 sq. ft. Remodelled, mature trees, two car garage, carport. \$99,000. 454-4196 after 6 p.m.

For sale—Lake Cottage, Thunder Lake Provincial Park. Approximately 480 sq. ft., two bedrooms, furnished, fireplace, cedar siding, power in, winterized, on privately owned, heavily treed lot with nice lawn. \$25,000 firm. Stan 436-6576.

#### *Accommodations wanted*

Artist requires studio space, University area. Approximately 200 sq. ft. Access to sink. 435-3137 after 6 p.m.

Physician wishes to rent home for twelve months from September, 1979. Telephone Dr. Orford at 487-1871.

Visiting professor and wife from Warsaw seek reasonably priced, one-bedroom apartment near University as of 1 October. Contact Dr. Himka 432-2674.

#### *Automobiles and others*

1978 Chev. Boogie Van. 7,000 miles. Mags, radials. Custom denim interior. Four captain's chairs. Running

boards. Many other extras. Side tent attachment, stove, etc. Must be seen. 465-1116.

1972 Volkswagen, Super Beetle. Offers. 435-3290.

Wanted older Datsun 510 or other Japanese car, working or not. 455-4289.

For sale—Gremlin X. \$900. 433-9013.

#### *Goods and services*

Will do top quality typing. Phone 455-6398.

Experienced typist. Variety of type styles symbols. Quality work. 435-4407; 435-5006.

Edmonton YMCA Chito-Ryu Karate Club. Phone 455-2139.

Expert typing—theses, etc. 455-0641. Good Neighbor Fence Company.

Quality wood fences, patio decks, odd jobs. Free estimates. 439-1211, 433-6794.

Donnic Typing Services Ltd. We have Word Processing Equipment. Eliminates re-proofing correct text. Ideal for theses, manuscripts, tables, etc. 2nd floor, 10444 Whyte Ave. 432-1419.

Babies wanted—Three to nine months old. Volunteers needed for short observations of early learning, at home or in lab. Dr. Cornell. 432-5216.

Typing on Word Processor. Call Darlene 987-2989, 452-1074.

Professional typing. 464-4887.

Tone of \$6,000 grand in apartment size small upright piano. Volume adjusts from whisper to concert level. Must be heard to appreciate tone quality. Phone Dean 432-3796, 436-1879.

Painting interior and exterior. Grad

student, experienced, reasonable, neat. 988-8549.

Quality custom furniture, cabinets, shelving. 988-8549 evenings.

Typist will do accurate, neat typing at home. \$1/page. 435-0404.

Fast, efficient typing done in my home. Southside location. Phone 436-7599.

Keep-fit yoga starts 26 September.

Classes Wednesday evenings. Fee for professional instruction only. Registration 18 September at 7:15 p.m., room 9, floor 14, Tory Building. For information or preregistration please write with your address to Box 184, University Post Office.

For sale—Nice colonial furniture, children's furniture, sewing machine, stereo, ping-pong table, bicycle, cross country skis, miscellaneous. Phone 436-4505.

Wanted old color portable TVs. Call 455-4289.

Keep-fit yoga for relaxation, weight control, insomnia, weak back, care of sports injuries, etc. Personalized instruction. For more information write with your address to Box 184, University Post Office.

Aspen Languages intermediate and advanced French classes. Instructor from Paris. Phone 435-4467, afternoons.

1978 Britannica in perfect condition. Was \$900, asking \$650. 439-6625.

For sale—Maytag washer and dryer, \$900, Kitchenaid dishwasher \$400, 24" stove, \$75, pool table 8' x 4' \$400, billiard swag lamp \$75 or best offer. 433-9013.

Singing lessons for young children, studio near University. Edith-Mary Smith. 436-4780.

Gourmet bakery, confectionery, delicatessen. Products made from scratch, according to old Czechoslovak recipes, no additives. Free tasting before you buy. Open Saturday only. 9 a.m.-6 p.m. or phone evenings 479-5122, 474-0883. G.B. & S. Foods Ltd. 11732 95 Street.

Experienced piano teacher (beginners - grade VI). Will teach in your home. Phone Meredith 434-5187.

British Teacher still requires nanny position commencing January 80. Live in or out. Phone now repaired. Evenings or weekends, 439-4746.

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## Library Card Distribution and Revalidation

12 to 21 September 1979  
8:30 a.m. - 4:30 p.m.  
Monday to Friday

### Reserve Study Room Cameron Library

Returning Students may use  
their 1978-79 library cards until  
Sunday, 16 September.

*Note:* Registration must be  
completed and any fines owing  
must be paid before a library  
card can be issued or  
revalidated

## *An Invitation to all Faculty*

The Office of Community Relations is currently compiling a media contact list of faculty members. The purpose is to provide area media with names and telephone numbers of those people willing to act as a media contact. Kindly fill in the form and return it to the Office of Community Relations. Your participation would be appreciated.

Name \_\_\_\_\_

Department \_\_\_\_\_

Areas of interest  
and expertise \_\_\_\_\_

Telephone \_\_\_\_\_ Home \_\_\_\_\_